

Table 4E
2010 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by Region
Children Aged < 5 Years ⁽²⁾

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Run Date: 4 / 7 / 11

Comparison of Racial and Ethnic Distribution								
Region	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
CDHU	592	66.7	2.0	7.1	13.0	0.3	10.8	0.0
FDHU	2,176	68.4	2.3	11.5	7.5	1.1	9.1	0.1
James R	1,109	82.8	4.1	6.4	1.5	0.6	4.0	0.6
LRDHU	1,179	32.1	0.2	4.3	57.8	0.3	5.3	0.1
North RR	2,470	58.0	6.1	19.6	6.3	1.2	8.9	0.0
Rolette	1,423	1.8	0.1	2.9	92.7	0.3	2.2	0.1
So Central	1,760	59.0	1.0	6.1	22.4	0.3	11.2	0.0
South RR	3,809	64.6	12.5	9.2	4.0	2.0	7.3	0.4
SWDHU	582	80.9	3.1	6.4	3.6	0.0	6.0	0.0
UMDHU	545	70.6	0.0	11.0	6.2	0.2	9.7	2.2
North Dakota	15,645	57.5	4.9	9.5	19.3	1.0	7.5	0.3
Nation (Prior Year)	8,938,527	31.8	18.7	40.6	0.9	2.6	2.5	3.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 5E
2010 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by Region
Children Aged < 5 Years ⁽²⁾

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Comparison of Age Distribution				
Region	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
CDHU	592	39.0	16.9	44.1
FDHU	2,176	41.8	17.8	40.4
James R	1,109	37.1	18.8	44.2
LRDHU	1,179	33.0	17.5	49.5
North RR	2,470	38.5	17.4	44.2
Rolette	1,423	30.4	16.8	52.8
So Central	1,760	39.9	16.4	43.7
South RR	3,809	37.4	18.5	44.1
SWDHU	582	39.7	16.7	43.6
UMDHU	545	43.7	13.8	42.6
North Dakota	15,645	37.8	17.5	44.7
Nation (Prior Year)	8,938,527	34.5	22.6	42.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2010 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators (3,4)												
Region	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)	
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)			
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
CDHU	120	8.3 (5)	10.8 (9)	586	3.1 (1)	1.5 (1)	12.5 (6)	255	14.9 (4)	10.2 (2)	469	9.6 (7)
FDHU	541	10.2 (9)	7.6 (4)	2,125	5.3 (8)	2.9 (8)	11.0 (2)	852	14.8 (2)	12.7 (5)	1,391	4.5 (2)
James R	255	5.5 (1)	10.2 (8)	1,092	4.6 (5)	2.7 (7)	11.8 (3)	494	14.8 (2)	11.9 (4)	822	6.8 (5)
LRDHU	232	7.8 (4)	8.6 (5)	1,163	3.3 (2)	2.4 (5)	15.9 (8)	576	15.5 (5)	12.8 (6)	922	17.7 (10)
North RR	563	8.5 (6)	7.3 (3)	2,421	5.0 (6)	2.1 (3)	14.1 (7)	1,059	16.1 (6)	14.9 (8)	1,720	14.7 (9)
Rolette	272	12.5 (10)	11.4 (10)	1,396	3.7 (3)	2.1 (3)	21.9 (10)	739	21.7 (10)	25.0 (10)	1,156	5.0 (3)
So Central	413	9.9 (8)	8.7 (6)	1,738	6.2 (10)	1.5 (1)	15.9 (8)	745	18.8 (9)	17.2 (9)	1,333	6.4 (4)
South RR	903	9.4 (7)	6.6 (2)	3,750	4.4 (4)	3.4 (9)	10.9 (1)	1,647	16.9 (7)	10.3 (3)	2,746	11.5 (8)
SWDHU	132	6.8 (2)	3.8 (1)	564	6.0 (9)	3.4 (9)	11.9 (5)	245	12.7 (1)	9.4 (1)	393	8.9 (6)
UMDHU	120	7.5 (3)	9.2 (7)	532	5.1 (7)	2.6 (6)	11.8 (3)	224	18.3 (8)	13.8 (7)	395	4.3 (1)

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this region's rate to other regions. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2010 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators (3,4)												
Region	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)	
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% >95th (Rank)	Number	% 85th- <95th (Rank)	% >95th (Rank)	Number	% (Rank)
North Dakota	3,551	9.1	8.0	15,367	4.7	2.6	13.5	6,836	16.8	14.1	11,347	9.6
Nation (Prior Year)	1,961,342	8.9	6.4	8,451,215	6.0	4.3	14.0	3,678,355	16.4	14.7	5,524,196	14.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this region's rate to other regions. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 7E
2010 Pediatric Nutrition Surveillance (1)
North Dakota

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Region
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)									
	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)	Smoking in Household	
Region	Number	% Ever Breastfed (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % Breastfed At Least 12 Months (Rank)	Number % Breastfed At Least 3 Months (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % (Rank)	Number % (Rank)	
CDHU	120	65.0 (5)	135 20.0 (6)	98 * *	122 12.3 (7)	133 6.8 (6)	262 77.1 (8)	567 9.2 (5)	
FDHU	546	64.8 (6)	524 20.0 (6)	363 12.4 (3)	479 18.8 (2)	490 14.3 (2)	766 86.8 (2)	2,011 9.1 (4)	
James R	256	60.9 (8)	214 22.4 (2)	181 11.0 (4)	191 17.8 (3)	204 13.2 (3)	512 82.0 (4)	1,081 9.8 (7)	
LRDHU	234	51.7 (9)	199 9.0 (10)	178 5.6 (7)	206 6.3 (9)	197 1.0 (9)	616 79.1 (6)	1,157 8.6 (3)	
North RR	563	65.5 (4)	493 21.5 (4)	374 13.6 (1)	502 14.3 (6)	481 8.5 (5)	1,099 83.3 (3)	2,375 9.5 (6)	
Rolette	272	48.9 (10)	259 10.4 (9)	229 9.2 (6)	243 2.5 (10)	253 0.8 (10)	767 69.9 (9)	1,395 12.7 (8)	
So Central	413	70.7 (1)	364 20.3 (5)	266 10.9 (5)	381 11.8 (8)	357 4.2 (8)	787 69.3 (10)	1,696 8.4 (2)	
South RR	906	65.6 (3)	776 22.4 (2)	623 13.5 (2)	731 15.0 (5)	767 6.8 (6)	1,688 79.4 (5)	3,670 4.8 (1)	
SWDHU	139	61.2 (7)	109 27.5 (1)	75 * *	102 26.5 (1)	105 18.1 (1)	231 87.0 (1)	534 18.4 (9)	
UMDHU	120	66.7 (2)	119 19.3 (8)	79 * *	124 15.3 (4)	117 11.1 (4)	194 78.4 (7)	484 19.8 (10)	
North Dakota	3,569	63.4	3,192 19.8	2,466 11.6	3,081 14.0	3,104 8.1	6,922 78.9	14,970 9.0	
Nation (Prior Year)	1,769,160	61.7	911,779 27.0	1,092,573 18.5	317,037 9.9	420,655 5.3	1,022,933 77.3	4,355,723 10.2	

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this region's rate to other regions. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2008 - 2010 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators												(3,4)	
Region	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)	Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)						
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)	
CDHU	392	9.7 (8)	7.4 (3)	1,756	4.1 (3)	2.3 (4)	12.5 (4)	763	16.5 (5)	10.0 (1)	1,387	10.2 (7)	
FDHU	1,678	8.9 (7)	8.8 (7)	6,547	5.1 (6)	3.0 (8)	10.7 (1)	2,616	16.2 (2)	12.1 (4)	4,338	5.4 (3)	
James R	701	8.4 (5)	10.3 (8)	3,224	4.6 (5)	2.5 (6)	13.2 (5)	1,496	16.2 (2)	12.8 (6)	2,450	8.3 (5)	
LRDHU	735	8.0 (3)	11.2 (9)	3,653	3.2 (1)	2.6 (7)	15.3 (9)	1,849	16.5 (5)	12.7 (5)	2,908	17.0 (10)	
North RR	1,716	8.0 (3)	8.4 (5)	7,250	5.1 (6)	2.4 (5)	13.4 (6)	3,115	16.5 (5)	14.1 (8)	4,953	12.5 (9)	
Rolette	852	10.6 (10)	11.5 (10)	4,181	3.5 (2)	1.8 (1)	23.2 (10)	2,158	22.9 (10)	25.6 (10)	3,434	4.0 (1)	
So Central	1,229	10.0 (9)	6.7 (2)	5,244	5.7 (9)	1.8 (1)	15.2 (8)	2,198	18.5 (9)	16.7 (9)	4,056	7.9 (4)	
South RR	2,627	8.6 (6)	8.1 (4)	10,798	4.3 (4)	3.0 (8)	11.2 (2)	4,655	16.3 (4)	10.5 (2)	7,906	10.3 (8)	
SWDHU	431	6.5 (1)	5.1 (1)	1,829	5.9 (10)	3.3 (10)	11.8 (3)	803	13.9 (1)	11.1 (3)	1,264	8.3 (5)	
UMDHU	371	6.5 (1)	8.4 (5)	1,623	5.5 (8)	2.0 (3)	14.0 (7)	702	18.4 (8)	13.5 (7)	1,215	4.7 (2)	

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(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this region's rate to other regions. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6E
2008 - 2010 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

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Run Date: 4 / 7 / 11

Comparison of Growth and Anemia Indicators (3,4)													
Region	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% >95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% >95th (Rank)	Number	% (Rank)
	North Dakota	10,732	8.7	8.6	46,105	4.7	2.6	13.7	20,355	17.3	14.0		33,911

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(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

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Table 7E
2008 - 2010 Pediatric Nutrition Surveillance (1)
North Dakota

Page: 8
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Region (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household	
Region	Number	% Ever Breastfed		Number	% Breastfed At Least 6 Months		Number	%	Number	%
			(Rank)			(Rank)				(Rank)
CDHU	472	66.1 (3)		448	16.1 (8)		321	9.3 (6)	444	12.2 (8)
FDHU	1,883	56.7 (7)		1,716	18.2 (6)		1,197	10.9 (5)	1,672	16.6 (4)
James R	810	55.9 (8)		771	21.8 (4)		607	12.4 (3)	714	18.3 (2)
LRDHU	798	47.0 (9)		752	11.2 (10)		662	5.3 (10)	754	8.4 (9)
North RR	1,951	68.6 (1)		1,804	23.2 (2)		1,357	12.8 (2)	1,783	17.7 (3)
Rolette	895	45.1 (10)		860	12.6 (9)		786	9.2 (7)	839	3.8 (10)
So Central	1,391	67.2 (2)		1,331	18.3 (5)		978	9.2 (7)	1,293	12.7 (7)
South RR	3,004	62.9 (4)		2,692	22.2 (3)		2,088	13.1 (1)	2,614	14.0 (6)
SWDHU	499	59.1 (5)		425	23.5 (1)		315	11.7 (4)	414	21.5 (1)
UMDHU	424	57.8 (6)		407	16.5 (7)		257	8.6 (9)	387	13.4 (1)
North Dakota	12,127	60.3		11,206	19.4		8,568	11.0	10,910	14.2
									10,632	7.9
									20,317	78.7
									25,823	18.1

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(5) Rank compares this region's rate to other regions. Rank 1 = best rate.

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(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

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